

Converting Colors

YIQ(210.4350, 3.2090, 2.4170)

Have a look what the booklet for
YIQ(210.4350, 3.2090, 2.4170)
contains.

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Color

**YIQ(210.4350, 3.2090,
2.4170)**

Conversions

Conversions Part 1

Format	Color
Hex	D7D0D3
RGB	215, 208, 211
RGB Percent	84%, 82%, 83%
CMY	0.1568, 0.1843, 0.1725
CMYK	0.00, 0.03, 0.02, 0.16
HSL	334°, 8%, 83%
HSV	334°, 3%, 84%
XYZ	62.3391, 64.2614, 70.7478
YIQ	210.4350, 3.2090, 2.4170

Conversions

Conversions Part 2

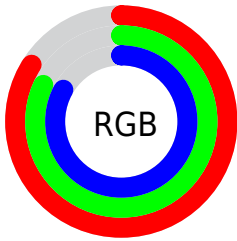
Format	Color
R _Y B	215, 208, 211
Decimal	14143699
CIE Lab	84.10, 2.95, -0.64
CIE LCh	84, 3.016, 347.800
Yxy	64.2614, 0.3159, 0.3256
Android (android.graphics.Color)	4292333779 (0xFFD7D0D3)
YUV	210.4350, 0.2785, 4.0035
Hunter-Lab	80.1632, -1.4747, 3.7880

Details

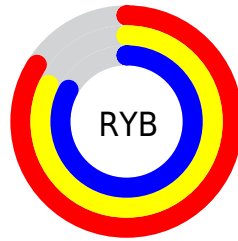
The YIQ color $210.4350, 3.2090, 2.4170$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $212.5650, -3.2090, -2.4170$, and the grayscale version is $210.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, -0.0000, -0.0000$, and $156.1360, 2.6130, 2.2050$ is the 20% darker color. If you saturate the color by 10%, you get $196.7400, 12.8360, 9.6680$, and if you desaturate by 10%, it is $224.7170, -6.6930, -5.3570$.

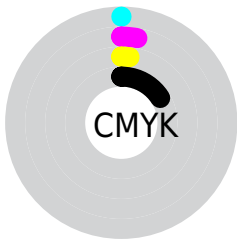
Distribution



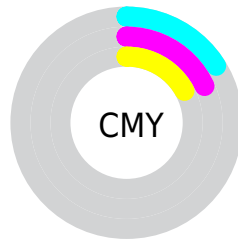
- Red (84%)
- Green (82%)
- Blue (83%)



- Red (84%)
- Yellow (82%)
- Blue (83%)



- Cyan (0%)
- Magenta (3%)
- Yellow (2%)
- Black (16%)



- Cyan (16%)
- Magenta (18%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 210.4350, 3.2090, 2.4170 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 210.4350, 3.2090, 2.4170 by changing the saturation by 10% instead.

■ 210.4350, 3.2090,
2.4170

■ 210.4350, 3.2090,
2.4170

255.0000, -0.0000,
-0.0000

■ 182.4350, 3.2090,
2.4170

■ 156.1360, 2.6130,
2.2050

■ 130.0220, 2.9340,
1.8940

■ 105.0220, 2.9340,
1.8940

■ 81.0220, 2.9340,
1.8940

■ 57.7230, 2.3380,
1.6820

■ 36.1360, 2.6130,

2.2050

■ 15.1360, 2.6130,
2.2050

■ 0.0000, 0.0000,
0.0000

■ 210.4350, 3.2090,
2.4170

■ 210.4350, 3.2090,
2.4170

■ 196.7400, 12.8360,
9.6680

■ 224.7170, -6.6930,
-5.3570

■ 182.3440, 23.0590,
17.1310

■ 238.5260,
-16.6410, -12.2970

■ 168.6490, 32.6860,
24.3820

■ 242.2420,
-21.5930, -10.6570

■ 154.3670, 42.5880,
32.1560

■ 243.0400,
-23.8400, -8.4800

■ 140.0850, 52.4900,
39.9300

■ 126.2760, 62.4380,
46.8700

■ 111.9940, 72.3400,
54.6440

■ 98.2990, 81.9670,
61.8950

■ 83.9030, 92.1900,
69.3580

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



210.4670, 0.1830, 2.1910



210.4350, 3.2090, 2.4170



210.3920, 4.7680, 1.6960

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



210.4350, 3.2090, 2.4170



209.3160, 1.9260, -1.8660



209.2490, -5.1350, -0.5510

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



210.4350, 3.2090, 2.4170



212.5650, -3.2090, -2.4170

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



208.6080, -4.7680, -1.6960



210.4350, 3.2090, 2.4170



209.2340, -0.7790, -2.4030

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



210.4350, 3.2090, 2.4170



209.9250, 4.5850, -0.4950



208.5650, -3.2090, -2.4170



209.3740, -3.9890, 0.7070

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



210.4350, 3.2090, 2.4170



210.1640, 5.4100, 1.0740



208.5650, -3.2090, -2.4170



208.8360, -5.4100, -1.0740

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



210.4350, 3.2090, 2.4170



253.1250, 1.1460, 1.2580



209.9940, 0.1370, 3.0250



126.7120, 0.8710, 0.7350



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



210.4350, 3.2090, 2.4170



248.4460, 4.6760, 3.3640



210.0930, 4.1720, 1.4840



103.7230, 2.3380, 1.6820



59.4510, 78.4830, 58.9550



15.0230, 19.5290, 15.0250

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



210.4350, 3.2090, 2.4170



248.4460, 4.6760, 3.3640



212.9070, -4.1720, -1.4840



103.7230, 2.3380, 1.6820



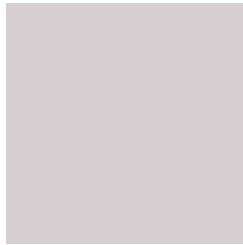
59.4510, 78.4830, 58.9550



15.0230, 19.5290, 15.0250

Previews

White Background



This preview shows how the YIQ color 210.4350, 3.2090, 2.4170 looks on a white background.

Color Contrast Check

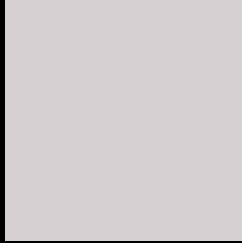
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 210.4350, 3.2090, 2.4170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

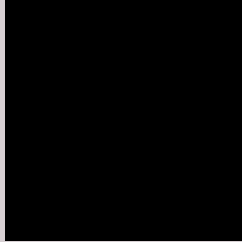
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

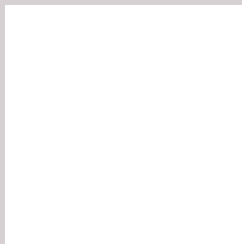
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 210.4350, 3.2090, 2.4170

Background



This preview shows how black text looks on a background with the YIQ color 210.4350, 3.2090, 2.4170.



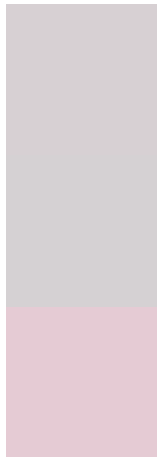
This preview shows how white text looks on a background with the YIQ color 210.4350, 3.2090,

2.4170.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

210.4350, 3.2090, 2.4170

Protanopia

210.4240, 1.7420, 1.4700

Deuteranopia

211.8000, 12.6070, 8.3110



Tritanopia

211.1130, 1.4200, 7.3080

Trichromacy



Original Color

210.4350, 3.2090, 2.4170

Protanomaly

210.7230, 2.3380, 1.6820

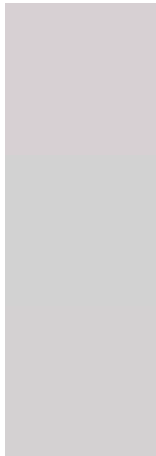
Deuteranomaly

211.4790, 9.0770, 6.2050

Tritanomaly

210.9450, 1.8330, 5.3290

Monochromacy



Original Color

210.4350, 3.2090, 2.4170

Achromatopsia

210.0000, 0.0000, 0.0000

Achromatomaly

210.0110, 1.4670, 0.9470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 210.4350, 3.2090, 2.4170 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(215, 208, 211)` looks like.

```
.text, #text, p{  
    color:rgb(215, 208, 211)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(215, 208, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 208, 211) }
```

Border

The CSS property to change the border of an element to YIQ 210.4350, 3.2090, 2.4170 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(215, 208, 211) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(215, 208, 211) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(215, 208, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 208, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 208, 211);  
box-shadow:4px 4px 4px 4px rgb(215, 208,  
211) }
```

Background

The CSS property to change the background color of an element to YIQ 210.4350, 3.2090, 2.4170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 208, 211) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(215,  
208, 211) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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